

AKIMA-ETSV 1 SEP 2005

**SCULLY, SCOTT, MURPHY & PRESSER**  
400 GARDEN CITY PLAZA SUITE 300  
GARDEN CITY, NEW YORK 11530

Telephone: (516) 742-4343  
Facsimile: (516) 742-4366  
E-Mail: [intprop@ssmp.com](mailto:intprop@ssmp.com)

FACSIMILE TRANSMISSION

To: U. S. Patent and Trademark Office Attention: Filing Receipt  
Date: July 26, 2005  
Fax # 703-308-7751 Pages 5  
From: SCULLY, SCOTT, MURPHY & PRESSER

Re : Hannu Koivikko, et al.  
U.S. Patent Appln. No. 10/518,893  
CRYSTALLZATION OF SUGARS  
Docket: 18514

COMMENTS:

The Filing Receipt for the above-identified Patent Application has the Applicant's address incorrect The Assignment for Published Patent Application is also missing from filing receipt. It should read:

**APPLICANT: MINNA KAARTO, HELSINKI, FINLAND**

**ASSIGNMENT FOR PUBLISHED PATENT APPLICATION:  
DANISCO SWEETENERS OY, OF KANTVIK, FINLAND**

Please send to us a corrected Filing Receipt with the information as it is shown on the pages to follow.

Thank you.

If there are any problems concerning this facsimile, please call (516) 742-4343 and ask for Wanda Capers, Ext. 534.

**CONFIDENTIALITY:** The documents accompanying this facsimile transmission may contain information which is either confidential or legally privileged and is intended only for the authorized use of the individual or entity named above without right of publication or republication, dissemination or disclosure except as expressly set forth or established by course of dealing. All rights are reserved. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or use of the contents of this facsimile is prohibited. If you received this transmission in error, please notify us immediately by telephone to arrange for return of the documents.


FORM PTO-1390 (Modified) (REV. 07-2004)		U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE		ATTORNEY'S DOCKET NUMBER <b>18514</b>	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	
INTERNATIONAL APPLICATION NO. <b>PCT/FI2003/000521</b>		INTERNATIONAL FILING DATE <b>26 June 2003 (26.06.2003)</b>		PRIORITY DATE CLAIMED <b>27 June 2002 (27.06.2002)</b>	
TITLE OF INVENTION <b>CRYSTALLIZATION OF SUGARS</b>					
APPLICANT(S) FOR DO/EO/US <b>Hannu Koivikko      Heikki Heikkilä      Juha Nurmi</b> <b>Minna Kaarto      Mirja Lindroos</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input checked="" type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol>					
Items 13 to 23 below concern document(s) or information included:					
<ol style="list-style-type: none"> <li>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Express Mail Label No. <b>EV492665800US</b></li> <li>23. <input checked="" type="checkbox"/> Other items or information:</li> </ol>					
<p><u>Courtesy copy of International Application</u> Assignee: <b>Danisco Sweeteners Oy of Kantvik, Finland</b></p>					

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Frank S. DiGiglio (Reg. No. 31,346)  
Leopold Presser (Reg. No. 19,827)  
William C. Roch (Reg. No. 24,972)  
Paul J. Esatto, Jr. (Reg. No. 30,749)  
John S. Sensny (Reg. No. 28,757)  
Mark J. Cohen (Reg. No. 32,211)  
Edward W. Grolz (Reg. No. 33,705)  
Steven Fischman (Reg. No. 34,594)  
Peter L. Bernstein (Reg. No. 43,497)  
Thomas Spinelli (Reg. No. 39,533)

Address all telephone calls to Frank S. DiGiglio at telephone no. 516-742-4343

Address all correspondence to Frank S. DiGiglio, Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, New York 11530

Full name of sole or first inventor Hannu KOIVIKKO	
First inventor's signature 	Date 8.2.2005
Residence Kantvik, Finland	
Citizenship Finnish	
Post Office Address Kolsarintie 4, FI-02460 Kantvik, Finland	

Full name of second inventor Minna KAARTO	
Second inventor's signature	Date
Residence Helsinki, Finland	
Citizenship Finnish	
Post Office Address Fredrikinkatu 43 E 40, FI-00120 Helsinki, Finland	



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/518,893	12/22/2004	1755	2150	18514		45	1

CONFIRMATION NO. 2864

Leopold Presser  
 Scully Scott Murphy & Presser  
 400 Garden City Plaza  
 Garden City, NY 11530

## FILING RECEIPT



\*OC000000016245091\*

Date Mailed: 06/16/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Hannu Koivikko, Kantvik, FINLAND;  
 Minna Kaarto, ~~Kantvik~~, FINLAND; **HELSINKI**  
 Heikki Heikkila, Espoo, FINLAND;  
 Mirja Lindroos, Kirkkonummi, FINLAND;  
 Juha Nurmi, Kirkkonummi, FINLAND;

**ASSIGNMENT FOR PUBLISHED PATENT APPLICATION**  
**DANISCO SWEETENERS OY, KANTVIK, FINLAND**

## Power of Attorney:

Leopold Presser-19827

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/FI03/00521 06/26/2003

## Foreign Applications

FINLAND 20021262 06/27/2002

Projected Publication Date: 09/15/2005

Non-Publication Request: No

Early Publication Request: No

**Title**

Crystallization of sugars

**Preliminary Class**

127

---

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).